

SMARTSPEED™

FAN MOTOR TECHNOLOGY

SMART 
Systems Savings Solutions

INNOVATIVE • COST EFFECTIVE • ENERGY EFFICIENT



The Right Choice For The Refrigeration Professional

KeepRite®
REFRIGERATION

Utilizing KeepRite Refrigeration's patented SmartSpeed technology, customers can now benefit from reduced energy consumption and reduced system refrigerant charges, previously only available with more complex and expensive methods.

SmartSpeed offers a simplified, economical solution in order to meet the increasingly stringent efficiency levels being mandated across North America.



INNOVATIVE

The innovative feature behind the SmartSpeed technology is a two speed EC fan motor that changes speed according to system operation and ambient conditions.

On evaporators, the motor speed reduces to low speed when the compressor cycles off, saving energy without sacrificing product integrity.

On condensing units, the motor speed reduces to low speed when ambient conditions drop below 60°F, saving energy and refrigerant.

ENERGY SAVINGS

Adding SmartSpeed means system-wide savings, regardless of which option you choose. Add SmartSpeed to the condensing unit, and save up to 10% on your system energy consumption. SmartSpeed on the evaporator can mean savings up to 15%. Put SmartSpeed on both and you get the ultimate savings: **up to 25%.**

CHECK OUT OUR VIDEOS

Watch our video to learn more about the versatility and convenience of KeepRite Refrigeration's SmartSpeed Fan Motor Technology.

k-rp.com/smartspeed



SIMPLE

SmartSpeed units feature simplified wiring which does not require any additional complex controls, and is easy to operate.

PATENTED & AWARD WINNING

SmartSpeed is patented under U.S. patents 8635883, 9151525 & 9297567. SmartSpeed for Evaporators received an Honorable Mention from the 2010 AHR Expo Innovation Awards. This award-winning technology is also available on Condensing Units.

SMARTSPEED™

FAN MOTOR TECHNOLOGY

AVAILABLE FOR EVAPORATORS



AVAILABLE ON KLV, KTM, KLP, KMP AND KEP EVAPORATORS

EVAPORATOR WITH SMARTSPEED POWER CONSUMPTION PER MOTOR*

MODEL	REFRIGERATION MODE FAN FULL SPEED	OFF CYCLE FAN LOW SPEED
KLV Low Velocity	95 W	25 W
KTM Two Way	52 W	15 W
KLP Low Profile	60 W	13 W
KMP Medium Profile	245 W	70 W
KEP Extended Profile	460 W	155 W



Find out more at k-rp.com/smartspeed

NOW AVAILABLE ON HERMETIC, SCROLL OR SEMI-HERMETIC CONDENSING UNITS



CONDENSING UNIT WITH SMARTSPEED POWER CONSUMPTION PER MOTOR*

CHASSIS SIZE <small>SEE PRODUCT DOCUMENTATION FOR DETAILS</small>	AMBIENTS ABOVE 55°F	AMBIENTS BELOW 55°F
	FAN FULL SPEED CRANKCASE + RECEIVER HEATERS OFF	FAN LOW SPEED CRANKCASE + RECEIVER HEATERS ON
A	102 W	19 W
B	168 W	37 W
C, D	362 W	76 W
E	630 W	152 W
F	1180 W	240 W

MAXIMIZE YOUR SYSTEM ENERGY SAVINGS

PSC MOTOR

+

PSC MOTOR

=

INDUSTRY STANDARD

PSC MOTOR

+

SMARTSPEED™
FAN MOTOR TECHNOLOGY

=

10%
ENERGY SAVINGS*

SMARTSPEED™
FAN MOTOR TECHNOLOGY

+

PSC MOTOR

=

15%
ENERGY SAVINGS*

SMARTSPEED™
FAN MOTOR TECHNOLOGY

+

SMARTSPEED™
FAN MOTOR TECHNOLOGY

=

20%-25%
ENERGY SAVINGS!*

* Actual energy savings will vary due to application, load calculation assumptions, equipment sizing and other operational variables. Contact your local rep or visit www.k-rp.com/smartspeed for further details

70 years of experience combines with innovative and emerging technologies to create KeepRite Refrigeration's award winning Smart³ suite of Systems Saving Solutions. Designed to meet the needs of today's refrigeration professional, these technologies allow you to reduce environmental impact, reduce energy consumption, increase system efficiency and more.



THE SMART³ FAMILY OF TECHNOLOGIES

LIMITROL⁺

FLOATING HEAD PRESSURE CONTROL SYSTEM

Limitrol+ combines various technologies into a responsive system that floats head pressure, saving energy and reducing environmental impact



LINK/LINK⁺

MULTI-COMPRESSOR REFRIGERATION SYSTEM

Provides a conveniently centralized package for compressors, electrical and controls, allowing for maximized merchandizing space.

SMARTSPEEDTM

FAN MOTOR TECHNOLOGY

Simple, innovative EC motor technology offers significant energy savings through an award winning patented system configuration.



QUIETUNIT

REFRIGERATION DUTY CONDENSING UNITS



The award winning Quiet Unit is designed for refrigeration duty, and ideally suited for applications where space limitations, energy efficiency or sound levels are of concern.

LOW GWP
REFRIGERANTS

We have the equipment and expertise to help you respond to needs of our ever-changing industry.

DC DEFROST CONTROL
TECHNOLOGY

Responsive evaporator controls that provide energy savings by significantly increasing system efficiency over mechanically controlled systems.

DS DISTRIBUTED
REFRIGERATION SYSTEMS

Our customizable line of commercial refrigeration equipment is ideally suited for applications that require systems to be strategically placed.

EC EC SHAFTED
MOTOR TECHNOLOGY

Improved Efficiency, Reduced Sound Levels, Speed Control, Simplicity and Reliability

CHECK OUT OUR VIDEOS

Watch our video to learn more about the versatility and convenience of KeepRite Refrigeration's Smart³ suite of Systems Savings Solutions.

k-rp.com/s3



KEEPRITE REFRIGERATION
Brantford, Ontario — Longview, Texas

www.k-rp.com



We design and manufacture a complete line of commercial refrigeration products. Find out more at www.k-rp.com or call us at (519) 751-0444 or 1-800-463-9517.